SONY

3-707-759-01 (1)

Black and White Monitor

SSM-920

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located at the rear. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. SSM-920 Serial No. _____

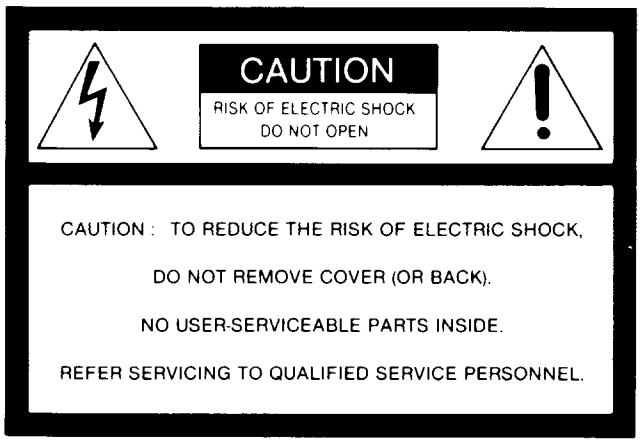
Features

- This unit can be used as a closed circuit television monitor or a video preview/playback monitor.
- Loop through connection allows up to three monitors to display the same picture.
- Electronic circuits provide safeguards against interference, noise and change of signal strength to maintain a clear and stable picture.

Sony Corporation © 1991 Printed in Korea

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

INFORMATION

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturr's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient the receiving antenna

Relocate the equipment with respect to the receiver

Move the equipment away from the receiver

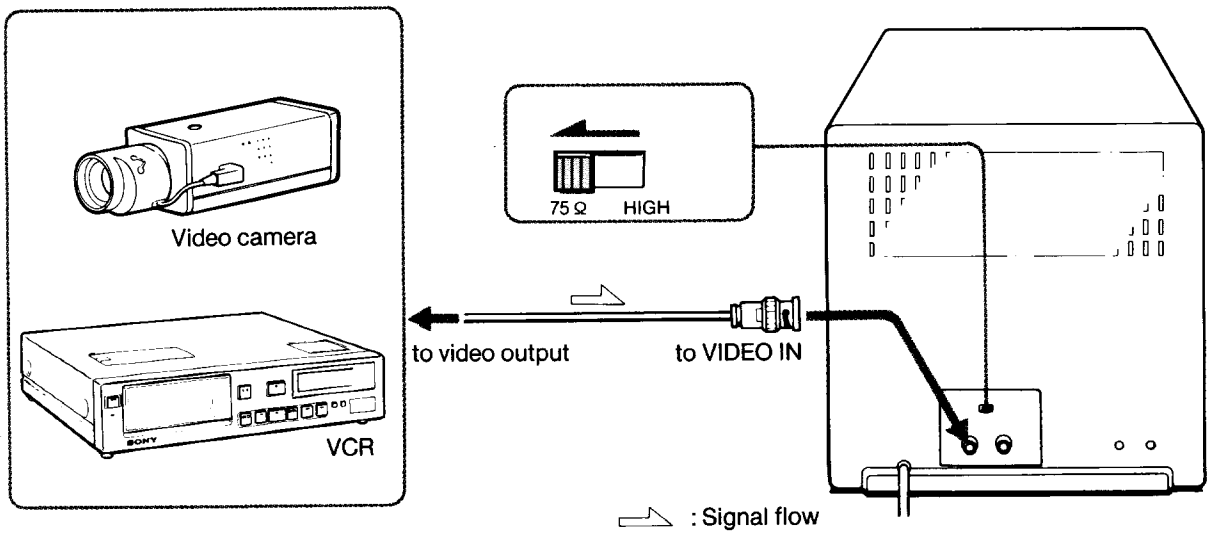
Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

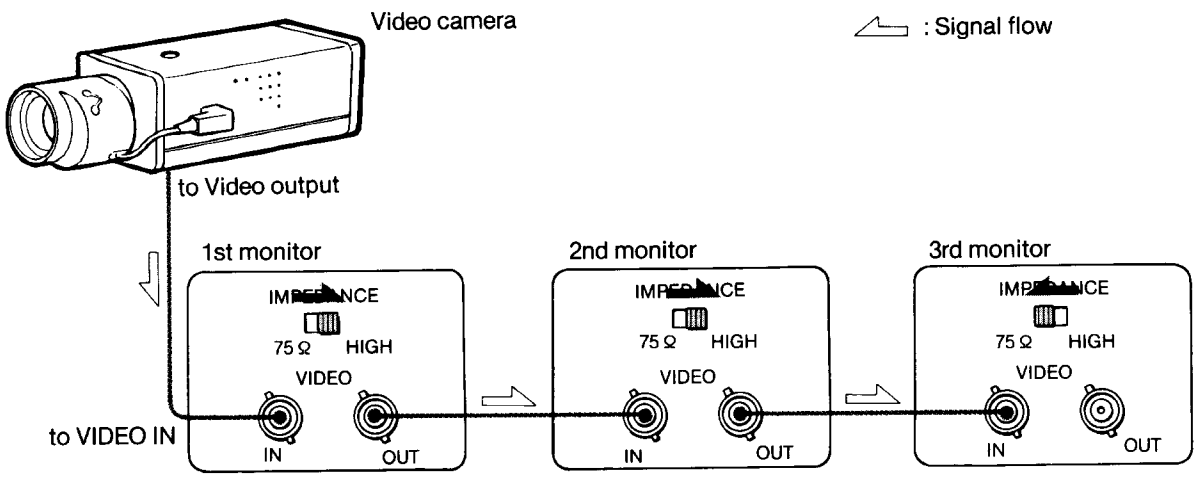
Connections

Connecting a Video Camera or a VCR



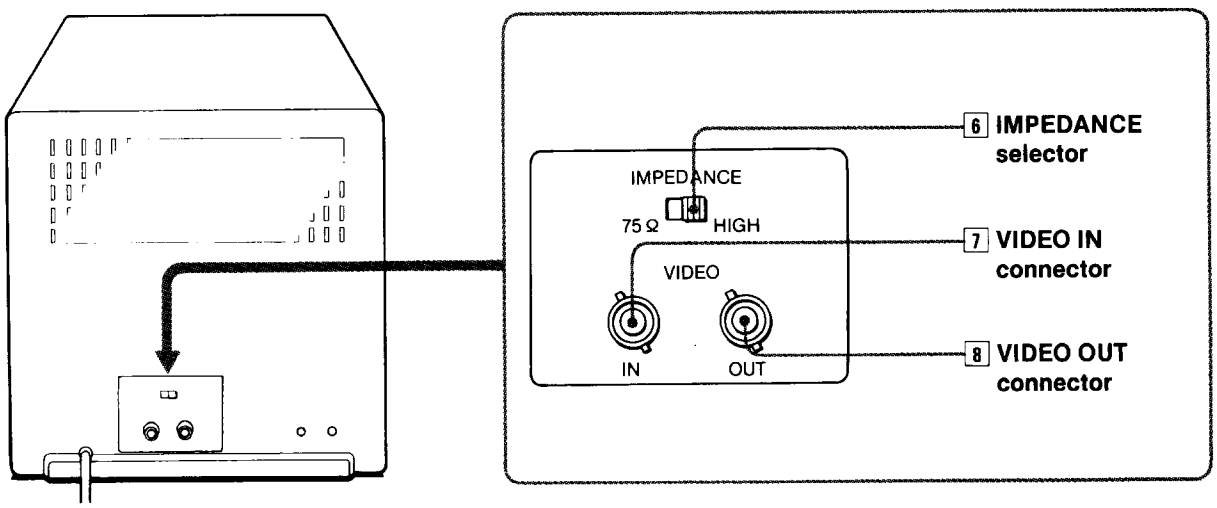
Connecting More Than One Monitor

Up to 3 monitors can be connected using the loop-through feature of this unit.
When this monitor is connected to additional monitors, the same picture can be obtained on all the connected monitors.



Adjust the picture contrast and brightness on each monitor.

Rear



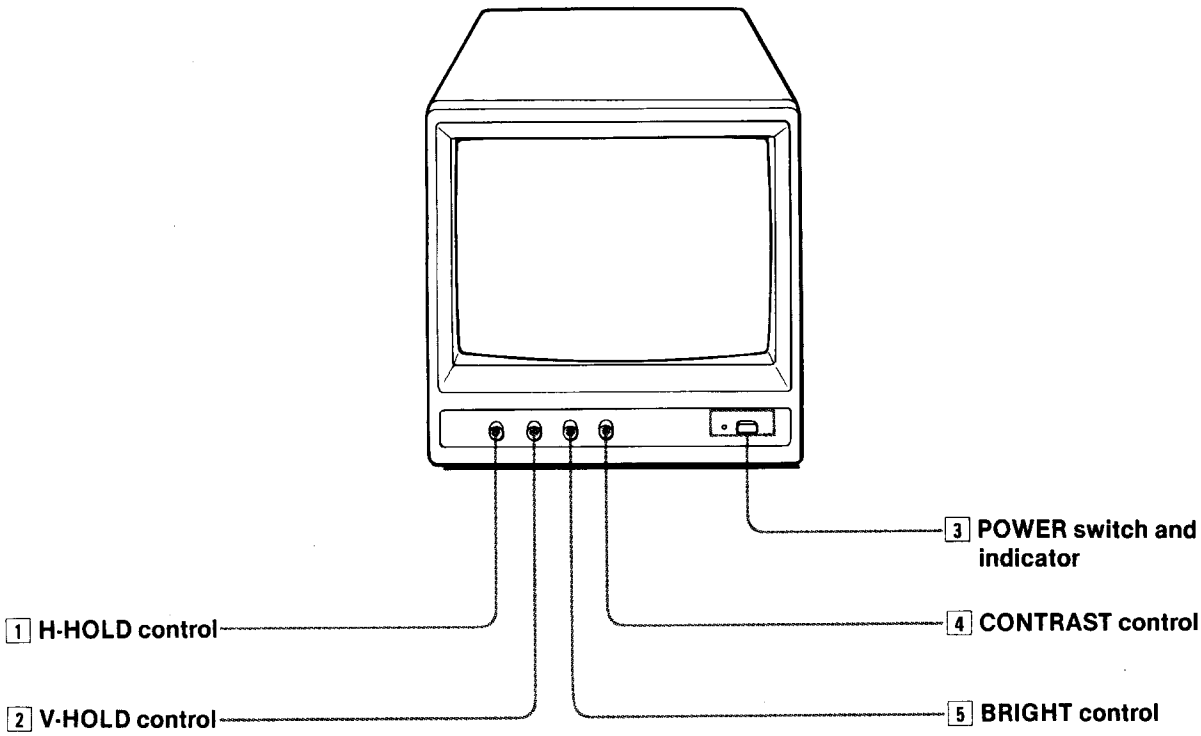
6 IMPEDANCE selector
Set to 75 Ω when only one monitor is used, or when the monitor is used as the last of looped chain.
Set to HIGH when another monitor is connected to the VIDEO OUT connector.

7 VIDEO IN connector (BNC type)
Connect to the video output of a VCR, a video camera, or another monitor (for loop-through connection).

8 VIDEO OUT connector (BNC type)
Connect the video input of a VCR or another monitor (for loop-through connection).

Location and Function of Controls

Front



1 H-HOLD (horizontal hold) control
When the picture has slanting horizontal bars, turn the H-HOLD control in either direction until a stationary picture is obtained.

2 V-HOLD (vertical hold) control
When the picture rolls up or down on the screen, turn the V-HOLD control until a single stationary picture is obtained.

3 POWER switch
To turn the monitor on, depress this switch. The green indicator lights up.
To turn the monitor off, press the switch again.

4 CONTRAST control
Turn clockwise to increase picture contrast and counterclockwise to decrease it.

5 BRIGHT (brightness) control
Turn clockwise for a brighter picture and counterclockwise for a darker picture.

Precautions

Safety

- Operate the unit only on 120 V AC, 60 Hz.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by the qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not going to be used for several days or more. To disconnect the cord, pull it out by the plug. Never pull the cord itself.
- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Height and vertical linearity controls located at the rear panel are for special adjustments by qualified personnel only.

Installation

- Do not install the unit in an extremely hot or humid place or in a place subject to excessive dust or mechanical vibration.
- The unit is not designed to be waterproof. Exposure to rain or water may damage the unit.

Cleaning

Clean the unit with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzine as they might damage the finish of the unit.

If your have any question or problem concerning your unit that is not covered in this manual, please consult your nearest Sony dealer.

Specifications

System	EIA standard
Picture tube	9-inch picture measured diagonally 90-degree deflection
Resolution	More than 650 TV lines (horizontal)
Video input	Composite: 0.5 – 2 V p-p, sync negative
Video input impedance	High impedance for loop-through; 75 Ω terminated
Video output	Composite: 0.5 – 2 V p-p, sync negative
Video output impedance	Over 10 kΩ
Power requirements	120 V AC, 60 Hz
Power consumption	27 W
Dimensions	220 × 241 × 247 mm (w/h/d) ($8^3/_4 \times 9^1/_2 \times 9^3/_4$ inches)
Weight	Approx. 5.9 kg (13 lb)

Design and specifications subject to change without notice.